

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|---|------------------|---------|---------------------|
| L5    | 84122  | ((volt or voltage) near2 (monitor\$4 or regulate )) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/08/12<br>11:08 |
| L6    | 72428  | (current near2 (monitor\$4 or regulate))            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/08/12<br>11:09 |
| L7    | 16844  | 5 and 6   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/08/12<br>11:09 |
| L8    | 878    | (359/665-667).OCLS.                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/12<br>11:09 |
| L9    | 1      | 7 and L8  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/08/12<br>11:09 |
| L10   | 878    | (359/665-667).OCLS.                                 | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/08/12<br>11:15 |
| L11   | 159636 | current near3 measure\$4                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2009/08/12<br>11:15 |

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|-----|--------|---------------------------------------|---|----|-----|---------------------|
| L12 | 48710  | L11 and (voltage near3<br>measure\$4) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/12<br>11:15 |
| L13 | 3      | L12 and L10                           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/12<br>11:15 |
| L14 | 878    | (359/665-667).OCLS.                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/08/12<br>11:41 |
| L15 | 369    | L14 and (voltage or current)          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/12<br>11:41 |
| L16 | 995869 | @pd> = "20090301"                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/12<br>11:42 |
| L17 | 47     | 15 and 16                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/08/12<br>11:42 |
| S1  | 655    | (359/665-667).OCLS.                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/20<br>12:56 |
| S2  | 185    | S1 and (voltage or current)           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/20<br>13:13 |
| S3  | 6512   | (351/159-177).OCLS.                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/20<br>13:13 |

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|-----|---------|-----------------------------|---|----|-----|---------------------|
| S4  | 1804    | S3 and (fluid or liquid)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/20<br>13:14 |
| S5  | 21      | S4 and immiscible           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/20<br>13:50 |
| S6  | 2239323 | @pd> = "20070801"           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/14<br>08:38 |
| S7  | 739     | (359/665-667).CCLS.         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/07/14<br>08:39 |
| S8  | 254     | S7 and (voltage or current) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/14<br>08:39 |
| S9  | 71      | S6 and S8                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/14<br>08:39 |
| S10 | 71      | S6 and S9                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/14<br>08:39 |
| S11 | 6780    | (351/159-177).CCLS.         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/07/14<br>08:39 |
| S12 | 1941    | S11 and (fluid or liquid)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/14<br>08:39 |

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|-----|---------|------------------------------|---|----|-----|---------------------|
| S13 | 147     | S6 and S12                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/14<br>08:39 |
| S14 | 217     | S9 or S13                    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/14<br>08:40 |
| S15 | 6643    | (351/159-177).OCLS.          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/10/02<br>10:01 |
| S16 | 3792019 | @pd> = "20070801"            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>18:41 |
| S17 | 822     | (359/665-667).OCLS.          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/10<br>18:41 |
| S18 | 324     | S17 and (voltage or current) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>18:41 |
| S19 | 139     | S16 and S18                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>18:41 |
| S20 | 6951    | (351/159-177).OCLS.          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/10<br>18:41 |
| S21 | 2033    | S20 and (fluid or liquid)    | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>18:41 |

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| S22 | 239    | S16 and S21   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>18:41 |
| S23 | 375    | S19 or S22  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>18:42 |
| S24 | 14986  | (fluid\$4 or gas or liquid)<br>near2 lens                                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>18:57 |
| S25 | 217    | S24 and ((current near2<br>(monitor\$4 or regulate or<br>display))          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>18:58 |
| S26 | 10     | S25 and ((volt or voltage)<br>near2 (monitor\$4 or regulate<br>or display)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>18:59 |
| S27 | 111985 | ((current near2 (monitor\$4 or<br>regulate or display))                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>19:02 |
| S28 | 19593  | S27 and ((volt or voltage)<br>near2 (monitor\$4 or regulate<br>or display)) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>19:02 |
| S29 | 1      | S28 and S17   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>19:02 |
| S30 | 157    | S17 and current   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/03/10<br>19:03 |

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|-----|--------|---|---|----|-----|---------------------|
| S31 | 113    | S30 and voltage                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:03 |
| S32 | 454403 | current same measure\$4                             | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:17 |
| S33 | 207942 | S32 and (voltage same<br>measure\$4)                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:17 |
| S34 | 302    | S33 and ((fluid\$3 or liquid or<br>gas) near3 lens) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:18 |
| S35 | 153497 | current near3 measure\$4                            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:19 |
| S36 | 46600  | S35 and (voltage near3<br>measure\$4)               | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:19 |
| S37 | 2      | S36 and S17   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:20 |
| S38 | 30     | S36 and ((fluid\$3 or liquid or<br>gas) near3 lens) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>19:20 |
| S39 | 2      | ("4681404").PN.                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/10<br>19:25 |

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| S40 | 112339 | "359"/\$     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>20:14 |
| S41 | 146927 | ("359").CLAS | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/03/10<br>20:14 |
| S42 | 167    | S36 and S41  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/03/10<br>20:15 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query                          | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------------------------|----------------|------------------|---------|------------------|
| L18   | 213  | ((359/665-667).COLS                   | US-PGPUB; UPAD | OR               | OFF     | 2009/08/12 13:19 |
| L19   | 15   | 18 and (voltage or current).dm.       | USPAT; UPAD    | OR               | ON      | 2009/08/12 13:20 |
| L20   | 11   | 18 and (voltage or current).dm.       | USPAT; UPAD    | OR               | ON      | 2009/08/12 13:20 |
| L21   | 1151 | ((fluid\$3 or liquid) near2 lens).dm. | USPAT; UPAD    | OR               | ON      | 2009/08/12 13:20 |
| L22   | 162  | 21 and (voltage or current).dm.       | USPAT; UPAD    | OR               | ON      | 2009/08/12 13:21 |
| L23   | 169  | 19 or 22                              | USPAT; UPAD    | OR               | ON      | 2009/08/12 13:21 |
| L24   | 105  | 18 and (voltage or current).dm.       | US-PGPUB; UPAD | OR               | ON      | 2009/08/12 13:23 |
| L25   | 902  | ((fluid\$3 or liquid) near2 lens).dm. | US-PGPUB; UPAD | OR               | ON      | 2009/08/12 13:24 |
| L26   | 233  | 25 and (voltage or current).dm.       | US-PGPUB; UPAD | OR               | ON      | 2009/08/12 13:24 |
| L27   | 295  | 24 or 26                              | US-PGPUB; UPAD | OR               | ON      | 2009/08/12 13:25 |

8/ 12/ 09 1:34:48 PM

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